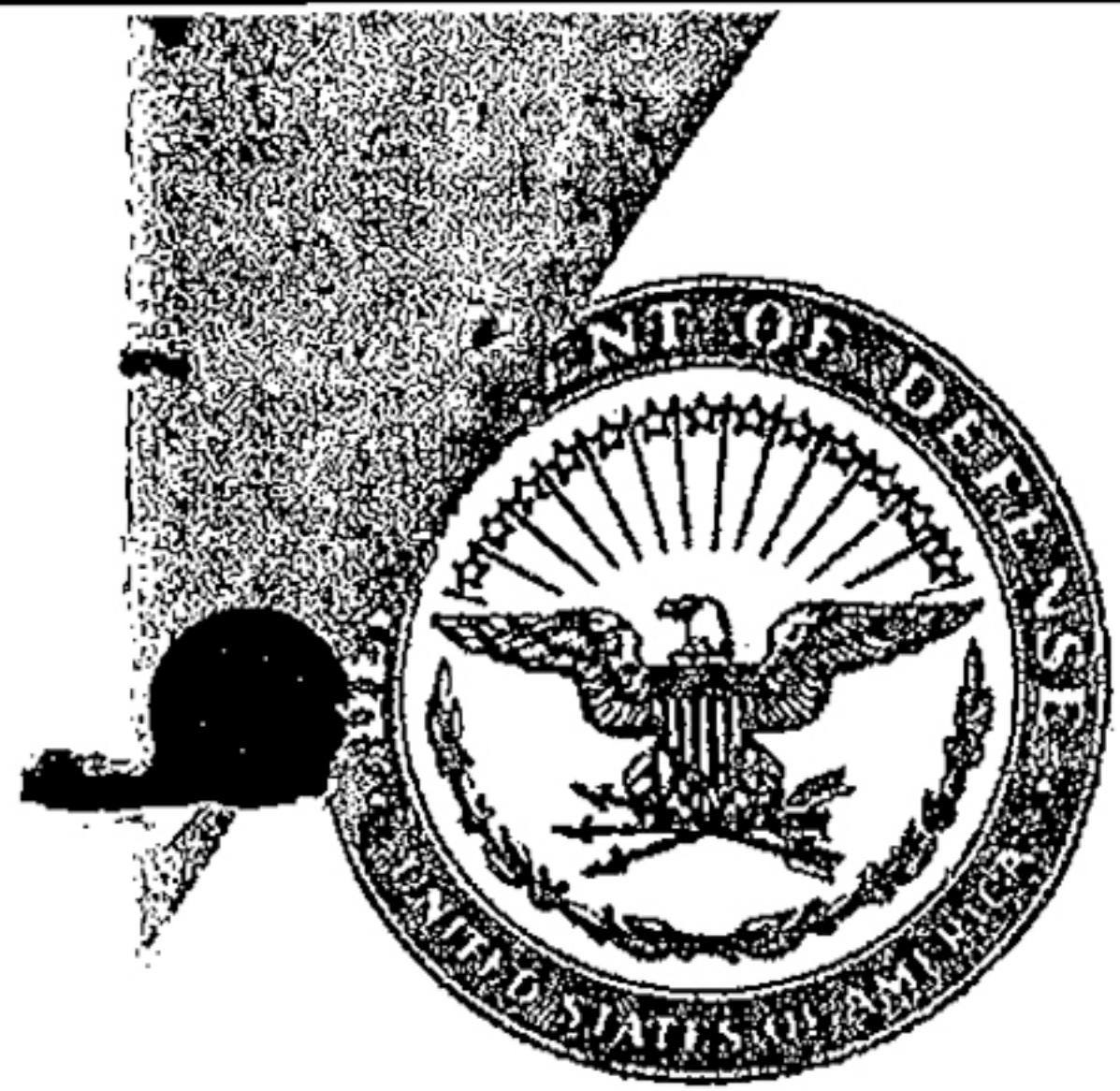




DEPARTMENT OF THE ARMY
LOS ANGELES DISTRICT, CORPS OF ENGINEERS
P. O. BOX 2711
LOS ANGELES, CALIFORNIA 90053

11-79-46

SPLED-HE

28 February 1979

SUBJECT: Hydrology for Feasibility Report, Ballona Creek Channel and
Sawtelle-Westwood Channel, Los Angeles County Drainage Area,
California

Division Engineer, South Pacific
ATTN: SPDED-H

1. The inclosed report presents the development of hydrology for use
in feasibility studies on Ballona Creek Channel and Sawtelle-Westwood
Channel.

2. Approval of the peak discharges listed in tables 14 and 15 for use
in the feasibility studies ~~is requested.~~ **Approved August 3rd, 1979 - A.E. Wankett**
Chief of Engineering Division, p. 2

FOR THE DISTRICT ENGINEER:

Norman Arno

1 Incl (trip)
as

NORMAN ARNO
Chief, Engineering Division

(LADPW Ballona Watershed
2023: 130 SQ Mi)

TABLE 14
SUMMARY STANDARD PROJECT FLOOD AND 100-YEAR
PEAK DISCHARGES, BALLONA CREEK CHANNEL

C.P.	DA (SQ MI)	CAPACITY (CFS)	SPF PRESENT RESTRICTED (CFS)	100 YR PRESENT UNRESTRICTED (CFS)	SPF FUTURE RESTRICTED (CFS)	100 YR FUTURE RESTRICTED (CFS)	SPF FUTURE UNRESTRICTED (CFS)	100 YR FUTURE UNRESTRICTED (CFS)
108	25	30000	23000	18500	28000	22500	28000	22500
1072	26	18000	23000	18400	25400	22500	28000	22500
1071		17200	28000	20800	26000	22500	30000	24500
107	45	41000	36000	29000	39000	34000	42000	34000
1062		39400	39000	31000	42000	35000	43000	35000
1062	70	39400	43000	34500	46400	41500	51000	41500
106	70	48000	45000	36000	49000	43000	53000	43000
105	85	50000	50000	40000	56000	45500	56000	45500
1032	88	37700	50000	40000	50000	46000	57000	46000
1031	89	39300	37700	(R) 37700	37700	37700	57000	46000
103	112	57000	54000	44000	54000	51000	64000	53000
1012	118	53100	54300	44000	54300	51000	64000	53000
101	120	72000	61000	49000	63000	54000	68000	56000

Concentration Point 101 - Ballona Flood Control Channel at Alla Road

SPDED-H (28 Feb 79) 1st Ind

SUBJECT: Hydrology for Feasibility Report, Ballona Creek Channel and
Sawtelle-Westwood Channel, Los Angeles County Drainage Area,
California

DA, South Pacific Division, Corps of Engineers, 630 Sansome Street,
Room 1216, San Francisco, California 94111

TO: District Engineer, Los Angeles, ATTN: SPLED-HE

3 AUG 1979

The peak discharges presented in tables 14 and 15 are approved for use
in feasibility studies.

FOR THE DIVISION ENGINEER:

1 Incl wd

John E. Wanket
J. E. WANKET
for Chief, Engineering Division

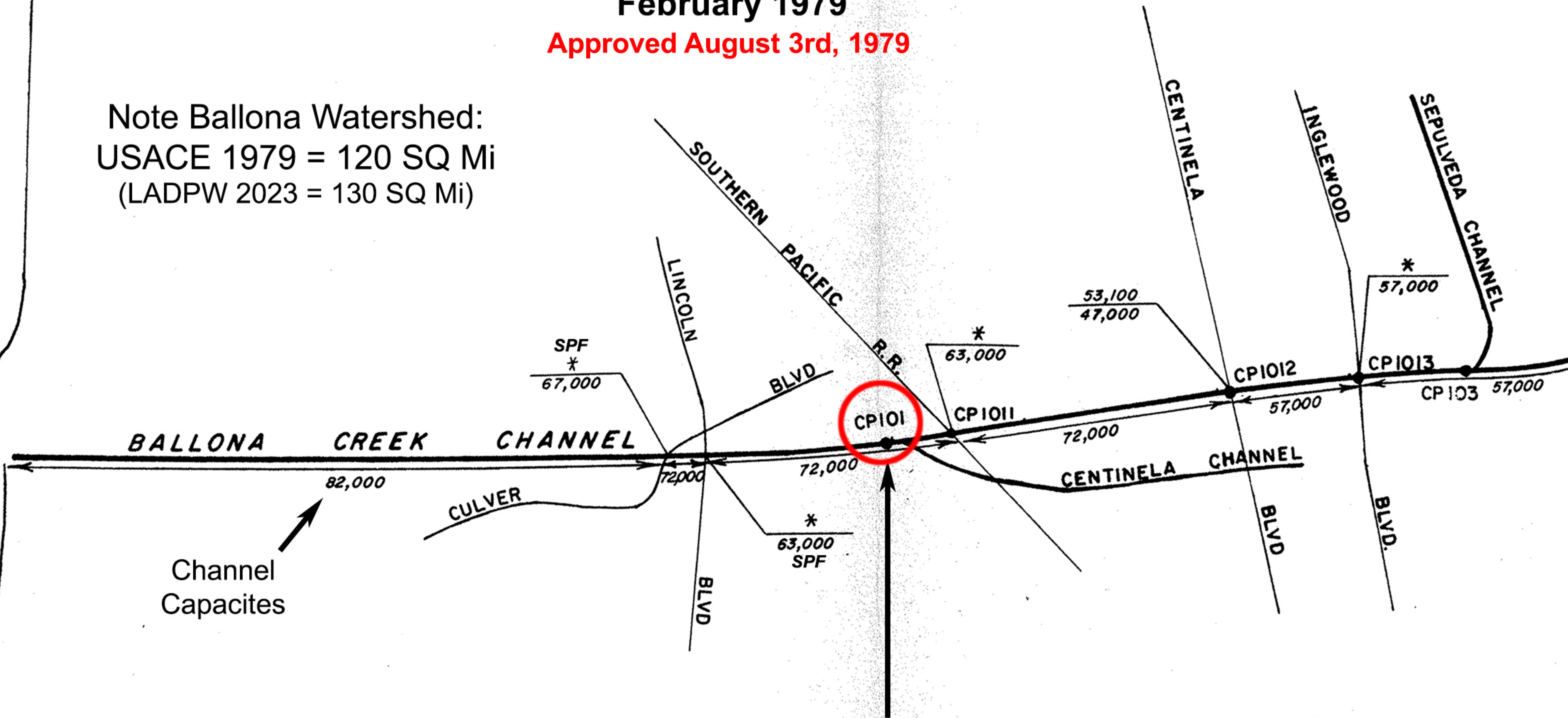
Ballona Creek Channel and Sawtelle-Westwood Channel Hydrology Feasibility Report 021979

February 1979

Approved August 3rd, 1979

Note Ballona Watershed:
USACE 1979 = 120 SQ Mi
(LADPW 2023 = 130 SQ Mi)

PACIFIC OCEAN



Concentration Point 101 - Ballona Flood Control Channel at Alla Road
1979 Figure (120 SQ Mi) 72,000 cfs Channel Capacity